

ROSINSKIY, N.L.; YALOVAYA, N.D.; PENKIN, P.I.

New methane explosionproof electric detonator. Trudy MakNII  
10:232-235 '60. (MIRA 15:10)  
(Blasting—Equipment and supplies)

ROSINSKIY, N.L.

Safety of short-delay blasting and results of its application in  
coal mines. Trudy MakNII 10:271-295 '60. (MIRA 15:10)  
(Coal mines and mining—Safety measures)

ROSINSKIY, N.L., kand., tekhn., nauk

Multiple-stage and short-delayed blasting. Bezop. truda v prom.  
3 no.6:5-9 Je '59. (MIRA 12:10)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti  
rabit v gornoy promyshlennosti.  
(Blasting)

ROSINSKIY, N.L., kand.tekhn.nauk; KOROLEVA, T.I., red.izd-va; SHKLYAR,  
S.Ya., tekhn.red.

[Manual for safe short-delay blasting in gassy and dusty coal  
mines] Rukovodstvo po bezopasnomu primeneniiu korotkozamedlennogo  
vzryvaniia v ugol'nykh shakhtakh, opasnykh po gazu i pyli. Moskva,  
Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 66 p.  
(MIRA 14:1)

1. Makeyevka. Nauchno-issledovatel'skiy institut po bezopasnosti  
rabot v gornoj promyshlennosti.  
(Blasting) (Coal mines and mining--Safety measures)

ROSINSKIY, N.L., kand.tekhn.nauk; YALOVAYA, N.D., inzh.; PENKIN, P.I.,  
inzh..

Electric detonator not igniting methane-air mixture. Bezop.  
truda v prom. 3 no.10:30-31 0 '59. (MIRA 13:2)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopas-  
nosti rabot v gornoj promyshlennosti.  
(Detonators)

ROSINSKIY, N.L., kand.tekhn.nauk

Extend the use of short-delayed blasts in coal mines. Bezop.  
truda v prom. 2 no.7:7-9 J1 '58. (MIRA 11:9)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti  
rabot v gornoy promyshlennosti.

(Coal mines and mining--Explosives)

RUSINSKIY, N. L.

23220 Vremennyye bezopasnyye krepi dlya skorostnogo prokhozhdeniya vyrabotok.  
Sbornik statey (gos. makeyevsk. nauch.-issled. in-t po bezopasnosti rabot  
v gornoj prom-sti), 1949, May, c. 28-31

SO: EMOPIS' NO. 31, 1949

MAGOYCHENKOV, Maksim Alekseyevich; GALADZHIY, Fedor Maksimovich;  
ROSLIMSKIY, Nikolay Leonidovich; DEMIDYUK, G.P., retsenzent;  
ASSONOV, V.A., otv. red.; RATHNIKOVA, A.P., red. izd-va;  
LOMILINA, L.N., tekhn. red.; SHKLYAR, S.Ya., tekhn. red.

[Blasting foreman] Master-vzryvnik. Moskva, Gosgortekhizdat,  
1962. 287 p. (MIRA 15:8)

(Blasting)

BABICHEV, N.S., kand.tekhn.nauk; BOBROV, I.V., zasluzhennyy deyatel' nauki i tekhniki USSR; ROSINSKIY, N.L., kand.tekhn.nauk; KRAMER, S.M., inzh.

"Boring and blasting operations" by P.IA.Taranov. Reviewed by N.S.Babichev and others. Ugol' 36 no.3:62 Mr '61. (MIRA 14:5)

1. Donetskiy industrial'nyy institut (for Babichev).
2. Makeyevskiy nauchno-issledovatel'skiy institut (for Bobrov, Rosinskiy).
3. Kombinat Stalinugol' (for Kramer).  
(Blasting) (Taranov, P.IA.)

ROSINSKIY, N.L.; MAGOYCHENKOV, M.A.; ZENIN, V.I.

On M.F. Pilipovich's article "Specifications for boring and blasting operations." Bezop. truda v prom. 5 no. 5:16-17 My '61.  
(MIRA 14:5)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti  
rabot v gornoy promyshlennosti.  
(Coal mines and mining) (Pilipovich, M.F.)

L 53012-65 EWT(1)/EPF(n)-2/ENG(m)/EPA(w)-2 Pz-6/Po-4/Pab-10/Pi-4 IJP(c)  
WW/AT UR/0141/65/008/001/0050/0056

ACCESSION NR: AP5010676

AUTHOR: Rosinskiy, S. Ye.; Rukhadze, A. A.; Rukhin, V. G.

TITLE: Contribution to the theory of instability of an anisotropic plasma with a beam

SOURCE: IVUZ. Radiofizika, v. 8, no. 1, 1965, 50-56

TOPIC TAGS: anisotropic plasma, two stream instability, plasma instability, dielectric tensor

ABSTRACT: The authors analyze the low-frequency oscillations which can occur in a system comprising an anisotropic plasma and a beam, with account taken of the anti-hermitian part of the dielectric tensor. It was suggested in earlier papers by one of the authors (Rukhadze, Izv. vyssh. uch. zav. - Radiofizika v. 6, 401, 1963 and with V. G. Makhan'kov, Yadernyy sintez v. 2, 177, 1962) that electromagnetic waves can be produced in such a plasma by mechanisms other than the Cerenkov effect and the anomalous Doppler effect, but the possibility of development of two-stream instability in such a system when the condition for the Cerenkov effect is not satisfied was not demonstrated in the earlier work, which was limited to hydrodynamic

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L 53012-65

ACCESSION NR: AP5010676 . 2

oscillations under conditions when the antihermitian part of the dielectric tensor can be neglected. The analysis is carried out both with and without an external magnetic field. It is shown that in the absence of an external magnetic field, a spatially unbounded anisotropic plasma with a beam is unstable for arbitrary directional velocities of the beam. The values of the critical beam velocities at which low-frequency instability in a bounded plasma sets in, are estimated. It is shown that a strong magnetic field stabilizes such an instability of an anisotropic plasma. "The authors thank V. P. Silin for valuable remarks." Orig. art. has: 15 formulas.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva AN SSSR (Physics Institute AN SSSR)

SUBMITTED: 21Nov63

ENCL: 00

SUB CODE: ME

NR REF Sov: 04

OTHER: 000

Card 2/2

ROSINSKIY, V.G.

Preventing ice formation on trash racks of hydroelectric power stations. Suggestion by V.G.Rosinskii. Prom.energ.11 no.3:22 Mr '56. (MIRA 9:7)

1.Fabrika imeni Nogina.  
(Hydraulic engineering--Cold weather conditions)

POLAND/Chemical Technology - Processing of Solid Fuels  
(Naturally Deposited).

H.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 55098  
Author : Yurkevich, Rosinsky  
Inst : -  
Title : Chemical Compounds in Coal Tar. Part III, Oxygen Com-  
pounds.  
Orig Pub : Koks, smola, gaz., 1957, 2, No 3, 98-107  
  
Abstract : Data is given on aromatic oxygen-containing compounds,  
which have been separated from coal tars. A systematic  
classification is suggested which will be based on homo-  
logous hydrocarbons series. Examples of hypothetical  
reactions which might occur in the process of tar for-  
mation are given.  
Part II, see Ref. Zhur. Khim., 1958, 51446.

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32

ROSIONOV, K.K. (Leningrad)

Surgical therapy of spinal tuberculous arachnitis. Vop. neirokhir. 23 no.3:46-47 My-Je '59. (MIRA 12:8)

1. Neyrokhirurgicheskoye otdeleniye Leningradskoy oblastnoy klinicheskoy bol'nitsy.  
(TUBERCULOSIS, SPINAL, surg. arachnitis (Rus))

2001 MM, L.

Problem for urgent solution. Avt.transp. 35 no.7:33 JI '57.  
(MLRA 10:8)

(Gorkiy--Automobiles--Maintenance)

ROSISSKY, B.

Toward a further phas of research on the natural focus of contagion in  
Czechoslovakia. p. 126. DAFM  
CESKOSLOVENSKA BIOLOGIE, Vol. 4, No. 3, Feb. 1955

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955 Uncl.

ROSISKI, F.

TECHNOLOGY

PERIODICAL: GOSUDARSTVENNAIA VEDOMOST' VOL. 18, NO. 6, JUNE 1958

ROSISKI, F. Considering the bill promoting agricultural land-reclamation projects. p. 246.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4.

April 1959, Unclass

Rositskiy

CZECHOSLOVAKIA/ General Section. Scientific Institutions

A-3

Abs Jour : Referat Zhurn. Biol., No 16, 25 Aug 1957, 67870

Author : Rositskiy

Title : Ten Years of Development in Biological Science in the  
Czechoslovak People's-Democracy

Orig Pub : Ceskosl. Biol. 1955, 4, No 4, 193-197

Abstract : In the 10 years' existence of the democratic regime, the biological sciences in Czechoslovakia were transformed, changing from individual researches to planned researches to planned research in organized groups. Along with the new institutes and laboratories constructed as part of the system of Czechoslovak scientific academies in 1950, there was organized the central institute for experimental biology. There developed biological sciences which did not exist previously: virology, soil microbiology, studies on antibiotics, etc. The biological section of the Czechoslovak Acad. Sci. has the greatest number of scientific workers.

Card 1/1

- 34 -

ROSITSKIY, B.

Expedition of Czechoslovak parasitologists to Albania. Zool.zhur.  
39 no.6:955-960 Je '60. (MIRA 13:7)  
(Albania--Parasites)

ROSITSKIY, B., laureat Gosudarstvennoy premii

Development of parasitology in the Czechoslovak People's Republic.  
Med.paraz. i paraz. bol. 24 no.3:239-242 J1-S '55 (MLRA 8:12)

1. Iz Biologicheskogo instituta Chekhoslovatskoy akademii nauk.  
(Praga)

(EPIDEMIOLOGY,  
in Czech.)

ROSITSKIY, B., doktor.

Activity in biological science. Chekh.biol. 3 no.1:63-64 F '54.  
(MLRA 7:6)

(Czechoslovakia--Biology)

ROSITSKIY, Miroslav [Rosicky, Miroslav] (Chekhoslovatskaya Respublika)

New forms in the organization of the management of industry and  
construction in the Czechoslovak Republic. Vop. ekon. no.8:  
55-65 Ag '58. (MIRA 11:9)  
(Czechoslovakia--Economic policy)

KAYGL, Vladimir [Kaihl, V.]; ROSITSKIY, Miroslav [Rosyts'kyi, M.];  
BRASLAVSKIY, Y.M. [Braslavskyi, I.M.], doktor ekonom.nauk,  
red.

[Development of a socialist economy in Czechoslovakia]  
Budivnystvo sotsialistichnoi ekonomiky v Cheskoslovachchini.  
Kyiv, 1959. (Tovarystvo dlia poshyrennia politychnykh i  
naukovykh znan' Ukrains'koi RSR. Ser.2, no.11) (MIRA 12:12)  
(Czechoslovakia--Economic conditions)

RCS 116, T.

15 JUL 1982

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23P

- Bucharest, Iugoslavia, Vol XI, No 2, Mar-Apr 82
1. "Occupational Cancer of the Skin in Oil Refineries and the Machine Industry," Prof. P. MUDU; pp. 97-111.
  2. "The Antidiabetogenic Role of Fibrous Structured Dust in Pharmacotherapy," Dr. B. BAHALU, Dr. Radu TRIPUSA and Dr. L. PRETESCU, Work Performed at the SPC INSTITUTE OF PHARMACEUTICAL PUBLIC HEALTH (Institutul de Igiena si Sanatate Publica al RSR); pp. 113-123.
  3. "Modifications in the Organism Following the Administration of Silicon by the Digestive Route," Dr. P. KEMCU, Seniors RODORIAN and Dr. GHEORGHE BURDUZIU (Catedra de Igiena si Sanatate Publica, Department of Patho-Physiology, Anatomy (Catedra de Anatomie Patologica) of the Medical Pharmacological Institute (Institutul Medicos-Paracurgic), Bucharest; pp. 125-135.
  4. "Exposure of Photo-Jetters from the Skin under the Working Conditions Prevailing in Coal Pits," Dr. SARIAN COBORDAS, Candidate in Medical Sciences (Candidat in Stiinte Medicale); pp. 131-143.
  5. "Ergonomic and Sanitary Considerations on the Main Natural Basis of Health Regime," Dr. H. KUCUSCA, D. GHEORGHE COI, M. TUDOR, V. PRESCU, L. ROSU and P. TUDOR, Work performed at the Research Institute of Hygiene and Public Health (Institutul de Igiena si Sanatate Publica al RSR), Bucharest, (Institutul de Igiena si Sanatate Publica al RSR), Dorohoi (By Sectoral Section of the Timisoreana Branch, RPR), Dorohoi, Sectorul Sectorul de Igiena Dorohoi; Prof. I. CORNU, Chief of Subject (Sef de Disciplina); Summary; pp. 155-161.
  6. "Effect of Impaired Regional Circulations on Butter Yeasts and Mold," Dr. P. JUNCA and Dr. P. KIDLOCHEN. Work performed at the Department of Prof. M. PRETESCU (Catedra de Igiena si Alimentatii), Faculty of Pharmaceutical Institute, Institutul Medicos-Paracurgic, Bucharest; Prof. I. CORNU, Chief of Subject (Sef de Disciplina); pp. 155-161.
  7. "Contributions to the Study of Water Supply in Dobrogea," Dr. A. DABESTA, Prof. A. SPESZIL and Dr. Lucia MANOLESCU, Work performed at Regional Sanepid (Sanepidul Sectorului Dobrogea); pp. 163-165.

— 1/2 —

ALCUSA, M., Dr; PIRVU, F., Chim; IONESCU, E., Dr; ROSIU, I., Dr.

Institute of Hygiene and Protection of Labor of  
the RPR, Timisoara Branch (Institutul de igiena  
si protectia muncii al RPR, Filiala Timisoara)-(ali)

Bucharest, Igiena, No 5, 1965, pp 467-475

"Sanitary and Hygienic Characterization of Waste  
Waters from Hemp Retteries"

(4)

ANCUSA, M.; IONESCU, Elena; TELEGUT, M.; CEAUSESCU, D.; PIRVU, Filofteia;  
ROSIU, Ileana

Considerations on the organisms in the artesian wells. Studii agr  
Timisoara 9 no.3/4:325-335 J1-D '62.

1. Sectia de Igiena Comunala a Institutului de Igiena R.P.R. Filiala  
Timisoara.

ROMANIA

ROSTIU, L.

Obstetrics and Gynecology Clinic, Institute of Medicine in  
Timisoara (Clinica de Obstetrica-Ginecologie - Institutul  
de Medicina Timisoara)

Timisoara, Timisoara Medicala, No 1, Jan-Jun 63, pp 85-88

"A Few Conditions of Interpretation in the Study of Vaginal  
Microbes."

POPESCU,D.,prof.; ROSIU,L.; HURDUC,A.

Experimental investigations concerning the placental oxytocic  
and tocogenic principle. Romanian M. Rev. 3 no.4:75-77 O-D '59.  
(PLACENTA,extracts)  
(OXYTOCICS)

BUSILA, V.T.; BACILA, E.; ROSIU, L.; TOPCIU, V.; BARBULESCU, L.;  
DAMIAN, I.

Contribution to the epidemiology of Q fever. Stud. cercet.  
inframicrobiol., Bucur. 7 no.3-4:295-301 July-Dec 56.

1. Comunicare prezentata in sedinta Institutului de  
inframicrobiologie al Academiei R.P.R.

(Q FEVER, epidemiology  
in Rumania, epidemic in a ggricultural community)

ROSIU, R., dr.; GALATAN, D., dr.

Etiological and therapeutic considerations of rhizolysis of permanent teeth. Stomatologia (Bucur.) 12 no.5:411-418 '65.

1. Lucrare efectuata la disciplina de stomatologie ortopedica I.M. Timisoara seful disciplinei dr. R. Rosiu.

CZECHOSLOVAKIA

POPLUHAR, L.; ROSIVAL, F.; JEZEK, Z.; HEBELKA, M.; Veterinary Faculty, Chair of Infectious Diseases, College of Agriculture (VSP, Veter. Fakulta, Katedra Infekcnych Chorob), Kosice; Okresny Epizootologist (Epizootolog), Kosice; Institute of Epidemiology and Microbiology (Ustav Epidemiologie a Mikrobiologie), Prague.

"On the Problems of Tuberculosis in Pigs."

Prague, Veterinarni Medicina, Vol 11, No 8, Aug 66, pp 485-496

Abstract [Authors' English summary modified] 7: Mammalian PPD tuberculin was used for allergic diagnosis of tuberculosis in pigs, using a dose of 5000 Tu, and a dose of 2500 Tu of avian tuberculin. The swellings were excessive; when only 500 Tu of either tuberculin were used reliable results were obtained. Swellings which had a diameter of 8 mm and over were considered to be positive reactions. 4 Figures, 4 Tables, 5 Western, 5 Czech, 3 Russian, 1 Hungarian reference. (Manuscript received 10 May 65).

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CZECHOSLOVAKIA

BANTIK, M., Prof. MVDr; ROGIVAL, I., MVDr.

No affiliation but city of Kosice for both

Prague, Veterinarstvi, No 2, 1967 [Feb], pp 52-56

"Treatment of poisoning in ruminants caused by ammonium, ammonia salts and urea."

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Safety and Sanitation. H-6

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 78177.

Author : Rosival, L., Selecky, F. V., Vrbovsky, L.

Inst : Not given.

Title : Experimental Acute Poisoning with Phosphoroorganic Insecticides.

Orig Pub: Bratisl. lekar. listy, 1958, 1, No 3, 151-160.

Abstract: The toxicity of 90% and 86% malathion (I), ethyl-parathion (II), methylpirathion (III), paraoxone, systox (IV), isosystox, potassane, preparations 1817-008A and 1817-009, chlcriton (V), E-605, exatox, pestox-III, and metasystox (VI) was studied by experimenting with animals (6,000 mice, 800 rats, 32 rabbits, 30 guinea pigs and 4 dogs),

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CZECHOSLOVAKIA

KOSIVAL, L.

Prague, Ceskoslovenska Lysina, No 6, 1964, pp 376-379

"The Fourteenth International Congress of Industrial Medicine  
in Madrid, September 16 to 21, 1963."

BENES, V.; ROSIVAL, L.; CERNA, V.

Prevention of pesticides in the food. Cesk. hyg. 8 no.2:98-107 Mr  
'63.

1. Ustav hygieny, Praha, Hygienicky ustav lekarske fakulty UK,  
Bratislava.

(PESTICIDES) (FOOD CONTAMINATION)  
(PHOSPHORUS POISONS ORGANIC)

ROSIVAL, L.

Hygiene, work physiology, and sickness occurrences in the  
petroleum industry. Ropba a uhlie 5 no. 9;257-259 S '63.

CZECHOSLOVAKIA

ROSIKAL, L.

Hygienic Institute of the Medical Faculty of KU (Hygienicky  
ustav Lekarskej fakulty UK), Bratislava

Prague, Ceskoslovenska Hygiena, No 6, 1963, pp 313-318

"On the Problem of Exogenous Carcinogenesis."

CZECHOSLOVAKIA

ROSIVAL, L.

Institute of Hygiene of the Medical Faculty of UK  
(Ustav hygieny Lekarskej fakulty UK), Bratislava

Prague, Ceskoslovenska hygiena, No 6, 1963, pp 357-358

"Carcinogenic Effects of Arsenic."

ROSIVAL, L.

Carcinogenic effects of arsenic. Cesk. hyg. 8 no.6:357-358  
Jl '63.

1. Ustav hygieny Lekarskej fakulty UK, Bratislava.  
(CARCINOGENS) (ARSENIC) (OCCUPATIONAL DISEASES)

ROSIVAL, L.; PILICH, R.

Urgent problems of health protection in the crude oil industry.  
Cesk. hyg. 8 no.7:420-428 Ag '63.

1. Ustav hygiény Lekarskej fakulty UK, Bratislava. Zdravotné  
stredisko Slovnaft, n. p., Bratislava.  
(INDUSTRIAL MEDICINE) (OILS)

Rosival, L.

Surname, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliations:

Source: *Ceskoslovenska Hygiena*, Vol V, No 2-3, Prague, Mar 60, p 111.

Data:

ROSIVAL, L.  
Affiliation: Institute of Hygiene, comprised of the Medical  
Faculty of Comenius University, Bratislava.  
Data: Co-author of "On the Contamination of the Atmosphere with  
Sulphur Dioxide, Hydrogen Sulphide, and Carbon Disulphide,"  
Source, p 111.

BIG

STRECHA, M.

Affiliation: Institute of Hygiene, comprised of the Medical  
Faculty of Comenius University, Bratislava.  
Data: Co-author of "On the Contamination of the Atmosphere with  
Sulphur Dioxide, Hydrogen Sulphide, and Carbon Disulphide,"  
Source, p 111.

MUCHA, V.

Affiliation: Chairman of the Institute of Hygiene, comprised of the Medical  
Faculty of Comenius University, Bratislava.

ROSIVAL, L.

On the problem of exogenous carcinogenesis. Cesk. hyg. 8  
no. 6:313-319 Jl '63.

i. Hygienicky ustav Lekarskej fakulty UK, Bratislava.  
(CARCINOGENS) (AIR POLLUTION)  
(RADIATION INJURY)

ROSIVAL, L.

CZECHOSLOVAKIA

ROSIVAL, L; PILLICH, R.

1. Institute of Hygiene of the Medical Faculty of KU  
(Ustav hygieny Lekarskej fakulty UK), Bratislava;
2. Health Station Slovnaft (Zdravotne stredisko  
Slovnaft), Bratislava

Prague, Ceskoslovenska, hygiena, No 7, 1963, pp 420-428

"Urgent Problems of Health Protection in the Crude Oil  
Industry."

ROSIKAL, L.

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /Not give/

Affiliation: Institute of Hygiene (Ustav hygieny), Faculty of Medicine  
(Lekarska fakulta), Comenius University (Komenskeho universi-  
ta), Bratislava.

Source: Prague, Ceskoslovenska Hygiena, Vol VI, No 5, 1961, pp 287-294

Data: "Health Protection in the Production of Intration."

Co-author:

RAJNOHA, F., Municipal Public Health and Epidemiology Station  
(Mestska hygienic̄o-epidemiologicka stanice),  
Bratislava.

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ROSIVAL, L.; VRBOVSKY, L.; SELECKY, F.V.

Contribution to the problem of side-effects of some organic phosphates.  
Bratisl. Lek. Listy 42 no.1:26-30 '62.

I. Z Ustavu hygieny Lek. fak. Univ. Komenskeho v Bratislave, veduci  
akademik V. Mucha, Dr. Sc., a z Farmakologickeho laboratoria oddelenia  
farmaceutickej chemie a biochemie Chemickeho ustavu SAV v Bratislave,  
veduci MUDr. F. V. Selecky, C. Sc.

(PHOSPHATES toxicol)

ROSIVAL, L.; BOCA, M.

Toxicology of intrathion. Prac. lek. 13 no.8/9:474-478 N '61.

1. Ustav hygieny lekarskej fakulty Univerzity Komenskeho v Bratislave,  
prednosta akademik Vojtech Micha.

(INSECTICIDES toxicol)

MUCHA, V.; ROSIVAL, L.

Hygienic standards and contamination of the living environment by industrial and agricultural waste products. Cesk. hyg. 6 no.10: 581-584 D '61.

1. Ustav hygieny fakulty Univerzity Komenskeho, Bratislava.  
(WATER POLLUTION)

ROSIVAL, L.

The topical problems of the prevention associated with the chemisation in the vegetable agricultural production. Cesk. hyg. 10 no. 5:361-368 JI'65.

1. Ustav hygieny Lekarskej fakulty University Komenskeho,  
Bratislava.

ROSIVAL, L., BOCA, M.

On the problem of the toxic effect of intrathion (Preliminary report).  
Gesk. hyg. 6 no.10:592-595 D '61.

1. Hygienický ustav Lekarskéj fakulty Univerzity Komenského,  
Bratislava.  
(INSECTICIDES toxicol.)

RONAL, I.; KLESKY, V.

"Alimentary effects on blood coagulation."

p. 110 (Biologia, Vol. 13, no. 2, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,  
September 1958

COUNTRY : CZECHOSLOVAKIA R  
SUBJ : Diseases of Farm Animals. Diseases Caused by  
Microorganisms. Veterinary Medicine.  
PUBL. : Bratislava, Nov 10, 1956, No. 5778.  
AUTHOR : Hoppel, Z.; Rosival, F.; Sevec, K.  
TYPE : -  
TITLE : Experience in the Parenteral Administration of  
Chloramphenicol in Pasteurellosis of Swine.  
JOURNAL : Veterin. casop., 1957, 6, 373-376.  
REMARK : A good therapeutic effect of the aqueous suspension of chloramphenicol, which was administered in a dose of 0.03 g./kg. to 72 piglets, is reported.

ROSIVAL, V.; SELECKY, V. Fr.

Findings on seasonal changes of blood coagulation. Polski tygod. lek. 13 no.1:1-5 6 Jan 58.

1. (Instytut Chemiczny Slowackiej Akademii Nauk, Wydział Chemii Farmaceutycznej i Biochemii; Bratyslawa, Czechosłowacja; kierownik: prof. dr med. Vasatji) Adres: Academia Scientiarum Slovaca Pharmacologia Experimentalis. Bratislava-Mlynske Nivy 37 Czechosłowacja.

(BLOOD COAGULATION

seasonal variations in humans & dogs (Pol))

(PERIODICITY

seasonal variations in blood coagulation in humans & dogs (Pol))

Rosiková, Viktor

*Med*

Influencing blood coagulation with galegine sulfate  
František V. Šlečký and Viktor Rosívý (Slovak Acad.  
Sci.), Bratislava, Czech.). *Biofizika* 11, 480-5(1956).—  
Galegine sulfate (I) *in vitro* inhibits coagulation of blood.  
The effect is in linear dependence on the amt. of I. In-  
travenous application of I to dogs (10 mg./kg.) slightly  
prolongs prothrombin time (by 15-20%) and recalcification  
time (by 40%), whereas application *per os* is without effect.  
The mechanism of effect of I is discussed in comparison with  
that of Tromexan. [L. J. Leibach]

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ROSIVALL, Ferenc, okleveles mérnök, műszaki egyetemi docens

Introduction of the new international unit system. Műlyepitestud  
szemle 12 no.11:501-503 N '62.

1. Epitestudományi Intézet osztalyvezetője.

ROSIVALL, Ferenc

Tasks of the quality testing organization of the construction industry. Epites szemle 6 no.10:306-309 '62.

1. Epitestudomanyi Intezet tagozatvezetoje.

ANCUSA, M.; CEAUSESCU, D.; PIRVI, F.; ROSIU, I.; IONESCU, E.; TELEGUT, M.

Some aspects of the water of the artesian wells in the region of  
Timisoara. Studii chim Timisoara 6 no.1/2:137-143 Ja-Je '60.  
(EEAI 10:3)

1. Institutul de igiena si sanatate publica R.P.R., Filiala  
Timisoara, Sectia de igiena comunala.  
(Rumania--Water) (Artesian wells)

ROSKE, CR., ing.

Bibliographic review on geodesy. Rev geodezie 8 no.4:78 - '64.

POL . U S S R .

V. The manufacture and pharmacodynamics of alkaloids from *Veratrum album*. S. Roski, J. Małcherzyk, I. Szmanska, and Z. Zakrzewski (Chem. Med. Akad., Warsaw). *Acta Polon. Pharm.* 11, 229-41 (1954) (English summary).  
Alkaloids with hypotensive activity were obtained from the rhizomes of *V. album*. The dry material was treated with aq. NH<sub>3</sub> and extd. with C<sub>6</sub>H<sub>6</sub>. The ext. was acidified with 5% AcOH to pH 5-6. The aq. layer was sepd. and neutralized with 10% aq. NH<sub>3</sub>, followed by repeated extn. with MeOH. [α]<sub>D</sub><sup>25</sup> -91° (c 0.62, MeOH), *R*<sub>42</sub> 1.71, some unchanged III, and solasodine rhamnoglucoside C<sub>25</sub>H<sub>34</sub>NO<sub>11</sub>·H<sub>2</sub>O m. 230-6° (decompn.) (from aq. MeOH). [α]<sub>D</sub><sup>25</sup> -100° (c 0.53, MeOH).

b1

David Sterany

ROSKIRKOWA, Jozef (Nowy Targ)

Is it necessary that air defense screening be of back-street character. Przegl. techn. 96 no.13;10 2.Wy 185.

ROSKIN, G.  
(3391)

Distribution of ribonucleic acid in cytoplasm and nuclei American Review of  
Soviet Medicine 1948, 5/3 (129-132)

The distribution of ribonucleic acid was studied by means of Brachet's method. The basophilia of protozoan cytoplasm is associated with the presence of ribonucleic acid and is possibly correlated with intense division and growth. The nerve cells of the leech and anodonta possess ribonucleic acid which may represent unaggregated Nissl substance. The presence of ribonucleic acid in the nucleoli of a wide variety of cells tends to support Brachet's theory that ribonucleic acid is a source for the production of thymonucleic acid.

Elman - New York

So: Excerpta Medica, Vol. II, No 7, Sec. II, July 1949

ROSKIN, E. S.

Comparative tensile strength determination of textile fibres.  
E. S. Roskin (*Tekstil. Prom.*, 1954, 14, No. 3, 38-40). It is shown  
that only fibres of the same type can be characterised on the basis  
of their breaking lengths; for comparing various types of textile  
fibres, it is necessary to use their specific strength. The fineness  
of the various textile fibres can be compared by using the "volu-  
metric" count, the product of the metric count by using the "volu-  
metric" count, the product of the metric count and the sp. gr.  
(in sq. u.), volumetric count, and metrical count are tabulated for  
natural and synthetic fibres. J. Text. Inst. (R.B.C.).

Roskin, E. S.

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2 May  
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Technology of polyacrylonitrile fiber nitrile (nitrilon). II.  
E. S. Roskin (S. M. Kirov Textile Inst., Leningrad). Zhur.  
Priblad. Khim. 30, 1030-41 (1957); cf. C.A. 51, 10118a.  
The several factors affecting the polymerization of nitrile  
fiber from CH<sub>3</sub>:CHCN (I) in the presence of K<sub>2</sub>S<sub>2</sub>O<sub>8</sub> and  
Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub> were investigated. Since the rate of polymerization  
 $w = dn/dT$ , or the yield, decreased to vanishing values  
as stirring increased the study was made in a "static" semi-  
adiabatic condition. The mixt. was placed in large flasks,  
from 250 to 2500 ml., insulated with asbestos, and placed in  
calorimetric containers. The fraction of I reacted at the  
time  $t$  was detd. by the change in temp.  $\Delta t$ ,  $\eta = \Delta t/\Delta t_0$ ,  
where  $\Delta t_0$  is the theoretical max. temp. at complete poly-  
merization.  $\Delta t \pm 0.05^\circ$  was corrected for heat losses; and  
the heat of polymerization of I was  $17.3 \pm 0.5^\circ$  cal./mol. The  
induction period was measured from the time of addn. of the  
last reagent (Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>) to the appearance of cloudiness.  $t$   
was measured from the end of the induction period. The  
products were immediately filtered, washed with H<sub>2</sub>O, and  
dried to const. wt. at 60-70°. From the curves  $t$ ,  $\eta$ , and  $w$   
vs.  $t$  the following conclusions were made:  $w$  and  $\eta$  increased  
with the initial temp.  $t_0$ ;  $w$  passed through a max. at about

ROSKIN, E.S.

1/1 the time,  $\tau_{0.5}$ , required for complete polymerization,  $A$ , of monomer I, i.e.,  $A_{0.5} \cong A/2$ . The induction period decreased as  $t$  increased and the mol. wt. of the polymer decreased from 300,000 to 35,000 and as the concn.  $K_2S_2O_8$  increased (from 0.20 to 1.20 g./l.). The curve  $\log w_t$  vs.  $1/T$  was a linear function giving for the apparent energy of activation 11.1 kcal./mol.;  $w_t$  is  $w$  during the first 10-15 min. The curve  $\log w_t$  vs.  $\log C$  ( $C =$  concn. of I) was a linear function. The effect of the concns. of  $H_2SO_4$  and  $Na_2S_2O_3$  on the specific viscosity was in opposite directions, i.e., the former increasing and the latter decreasing the viscosity. Large-scale production was designed for the following optimum conditions: a mixt. contng. I 7.0-7.4 kg.,  $H_2SO_4$  (d. 1.84) 20-25 l.,  $Na_2S_2O_3$  25-30 g.,  $K_2S_2O_8$  75-80 g./100 l.  $H_2O$ ;  $t = 20 \pm 1^\circ$ ,  $r = 70-80$  min., with an induction period of 0-1 min., yield 98%, mol. wt. 35,000. The kinetics of a chain-reaction process led to the equation  $d\eta/dt = AK(1 - \eta)(a + \eta)$  which on integration for  $t = 0$  and  $\eta = 0$ , gave  $\eta = a(\sigma^t - 1)/(1 + a\sigma^t)$ , where  $a = K_2/K_A$  and  $K_2$  and  $K$  are consts. For conditions of  $\sigma^t \gg 1$  and  $a\sigma^t \sim 1$ ,  $\eta = 0.5$ . The exptl. curves were in agreement with the derived theoretical equations.

I. Bencowitz

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2 May

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AM

Roskin; E.S.

6  
1 May

✓ Some statistical data which characterize the long chain molecules of polyacrylonitrile in solution. E. S. Roskin (I. M. Kirov Textile Inst., Leningrad), Zhur. fiz. khim. 49, 244-0 (1955). The polyacrylonitrile mol. chain is assumed

to be composed of links detd. by the distance apart of the recurring  $-\text{CH}_2\text{CH}(\text{CN})-$  group. The Peterlin (C.A. 45, 3216c) method was used as a basis of computation of a no. of statistical factors characterizing the system of polyacrylonitrile in formamide, such as  $x$  = the total twist per unit length per mol.,  $\eta$  = cosine of the av. angle of the mol. twist,  $r_s$  = av. chain length,  $r_t$  = the length of the mol. chain when stretched out,  $\Delta v$  = the difference in internal energy, etc.

W. M. Sternberg

Chem

899

Roskin, E. S.

15  
Nitron, a polyacrylonitrile fiber. E. S. Roskin. *Tekstil Prom.* 16, No. 11, 16-10 (1956). Preparation of nitron (I) by an oxidation-reduction process without stirring is described. The omission of stirring reduces the induction period to 0-1 min. and yields I of better solv. To 125 l. H<sub>2</sub>O at 20° ± 1° 10° kg. freshly distilled CH<sub>2</sub>CHCN is added and carefully mixed for 3-5 min. until the monomer is completely dissolved; 25-30 ml. H<sub>2</sub>SO<sub>4</sub> (sp. gr. 1.84) is then added. Thirty-one g. Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub> and 0.4 g. K<sub>2</sub>S<sub>2</sub>O<sub>8</sub> are separately dissolved in H<sub>2</sub>O and added to the reactor in 1-2 min. during mixing. Thereafter the polymerization is performed without any mixing, the temp. rising to a peak of 37-40°, requiring about 70-80 min. total reaction time to yield 95-98% I. Cf. Hunyar and Reichert, *C.A.* 50, 11674b.

Elisabeth Barash

PM MR

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001445

ROSKIN, E.S.

Ratls ✓ Determination of the characteristic viscosity of dilute  
solutions of high polymers. B. S. Roskin. Colloid J.  
U.S.S.R. 18, 357-9 (1956) (English translation). See C.A.  
51, 764i. B. M. R.

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1 PM  
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APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0014454

Roskin, E.S.

5  
2 may

Determination of the characteristic viscosity of dilute  
solutions of high polymers. E. S. Roskin (S. M. Kirov  
Textile Inst., Leningrad). *Kolloid Z. Z. Phys. Chem.* 18, 300-71 (1958); *Metals*

cf. C.A. 48, 8784d. The characteristic viscosities [ $\eta$ ] of poly(acrylonitrile) in HCONMe<sub>2</sub> (cf. Prind, C.A. 49,

10012g) can be calcd. from equation  $[\eta] = (\alpha_m - \eta_1)/(\alpha - 1)$ :  $\eta_1$  and  $\eta_1$  are reduced viscosities at concns.  $c_1$  and  $c_0$ , resp., and  $\alpha = c_1/c_0$ . J. J. Bikerman

ROSKIN, E. S.

✓An indirect method of determining surface tension of apolar liquids. E. S. Roskin (S. M. Kirov Textile Inst., Leningrad). *Zhur. Tekh. Kemi*, 29, 1007-9 (1955).—From Markov's theory (C.A. 48, 11136b),  $\gamma = (D - d)^4 / (D - d)_r^4$ , where  $\gamma$  is surface tension,  $D$  d. of liquid,  $d$  d. of satd. vapor, all at one temp., and  $(D - d)_r$  is the difference between the d. of liquid and its satd. vapor at that temp. at which the ratio  $D/(D - d)p$  has a min.;  $p$  is vapor pressure. The above equation is valid for CCl<sub>4</sub>, H<sub>2</sub>O, etc.  
I. J. Bikermann

Roskin, E.S.

USSR

/ Method of obtaining extrudable solutions of vinyl chloride co-polymer. E. S. Roskin (*J. appl. Chem. USSR*, 1954, 27, 560-563). A copolymer of 52% of vinyl chloride and 8% vinyl acetate dissolves readily in a mixture of 5:7-acetone/benzene (mol. ratio 1/1) although neither solvent dissolves the copolymer separately. Copolymerisation may even be carried out in the mixed solvent. R. C. MURRAY.)

Roskin, E.S.

A simple method of determining the characteristic viscosity of dilute solutions of high polymers. E. S. Roskin (S. M. Kirov Textile Inst., Leningrad). *Kolloid. Zhur.* 15, 453-8 (1953).—The characteristic viscosity [ $\eta$ ] can be calculated from the equation  $[\eta] = [(c_1\eta_2/c_1) - (c_2\eta_1/c_1)]/(c_1 - c_2)$ ;  $\eta_1$  and  $\eta_2$  are the specific viscosities at the concns.  $c_1$  and  $c_2$ , resp. The equation was successfully tested on literature data for  $\eta$  of polymethylmethacrylate in  $(CH_2=CHCl)_2$ . J. I. Bikerman

ROSKIN, E. S.

Battelle Technical Review  
July 1954  
Plastics

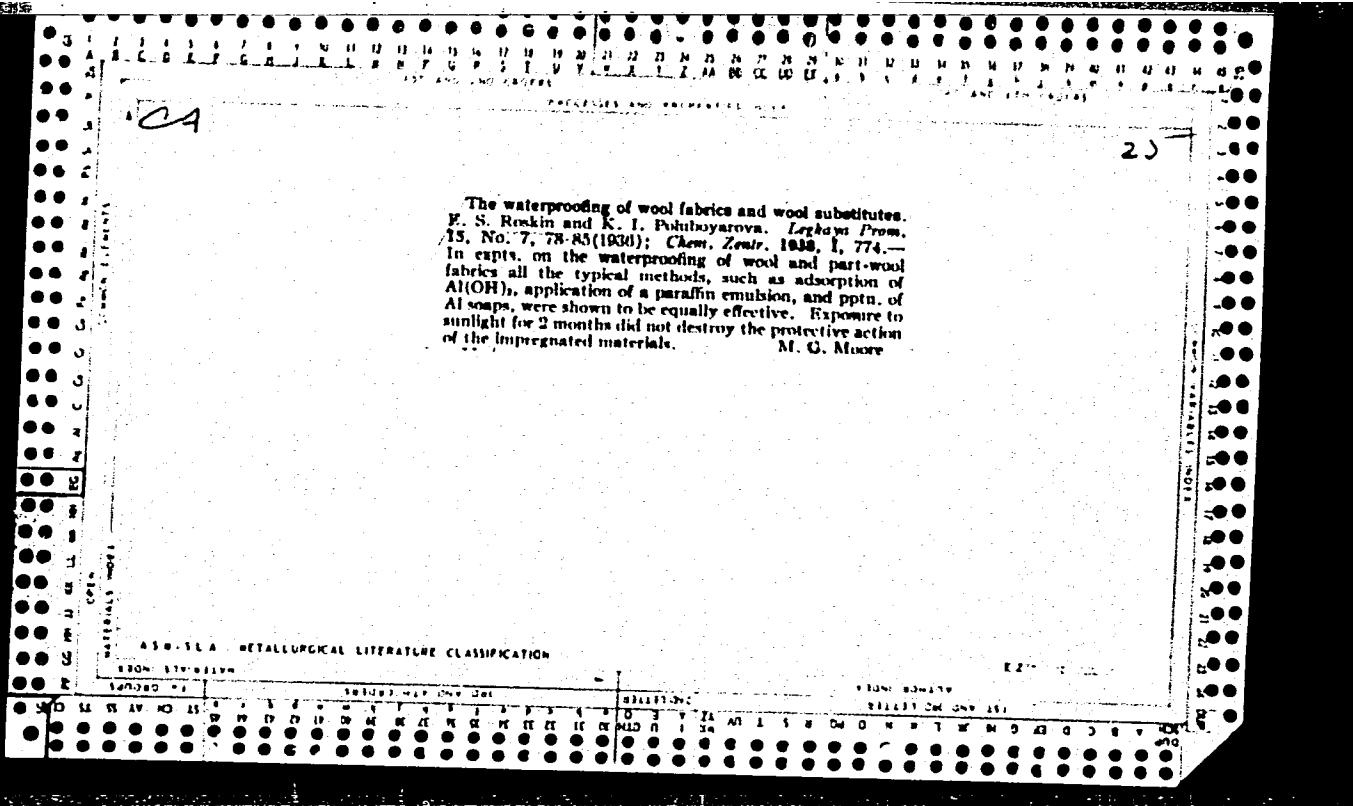
• 10101\* A Simple Method of Determining the Characteristic Viscosity of Diluted High Polymer Solutions (Russian.)  
E. S. Roskin. *Kolloidnyi Zhurnal*, v. 15, no. 8, Nov.-Dec.  
1953, p. 455-458.  
Formula facilitating analytic calculation of viscosity for two arbitrary concentrations. Tables. 5 ref.

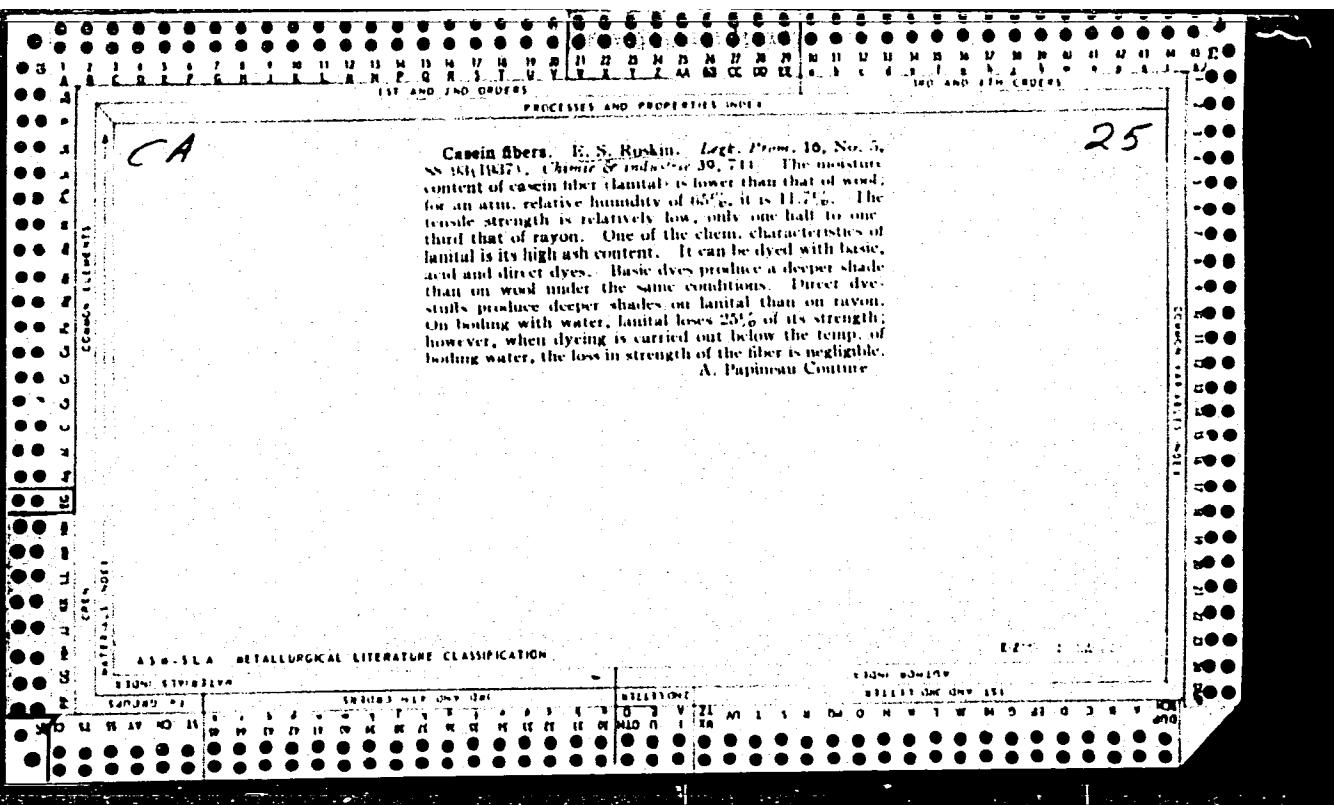
16-12-54

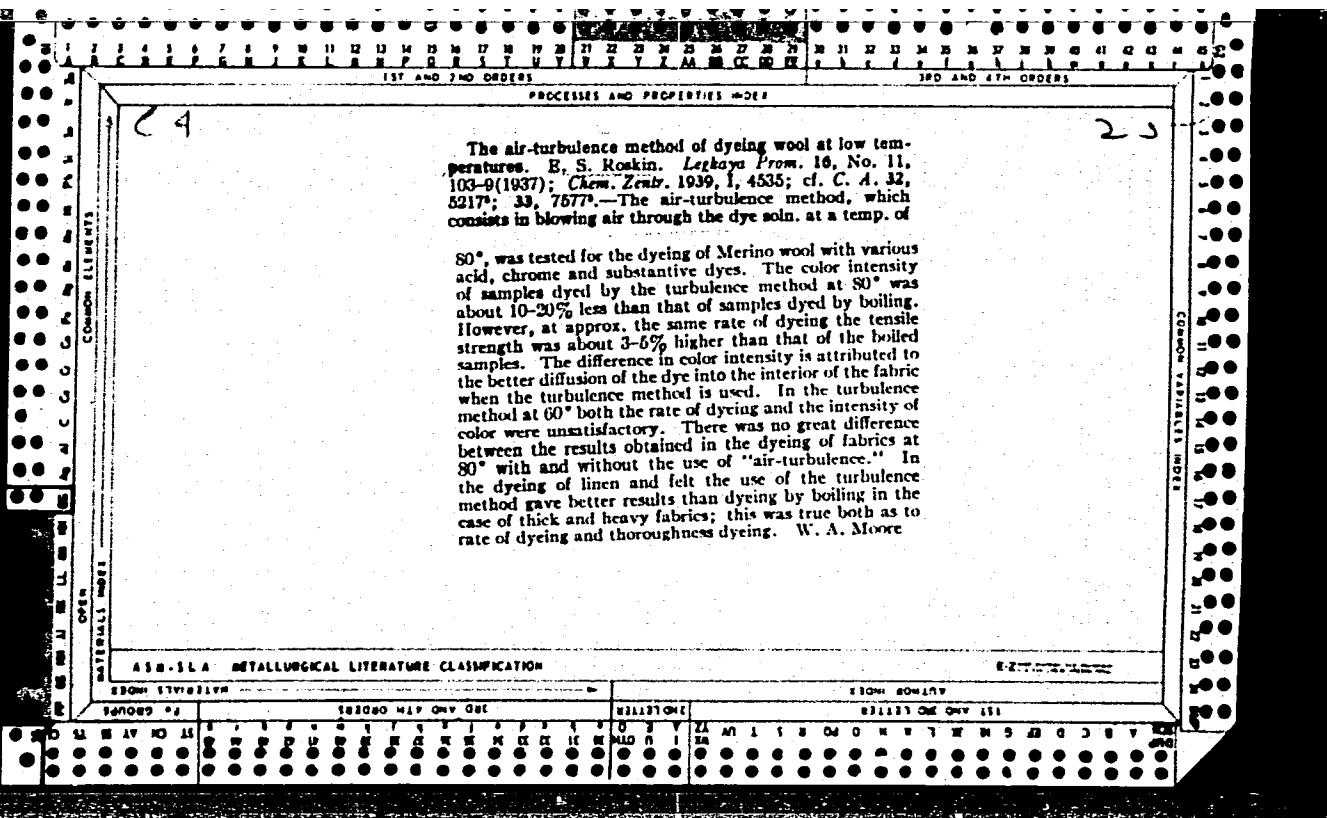
ROSKIN, E. S.

A method of preparation of spinning solutions of vinyl chloride copolymers. E. S. Roskin. Zhur. Priklad. Khim. 27, 500-2 (1954). Expts. with copolymer of 92% vinyl chloride and 8% vinyl acetate showed that a spinning soln. can be obtained by soln. in a 5:7 mixt. of  $\text{CH}_3\text{CO}$  and  $\text{C}_2\text{H}_5$ . The copolymer can be prep'd directly in this mixt. G. M. Kosolapoff

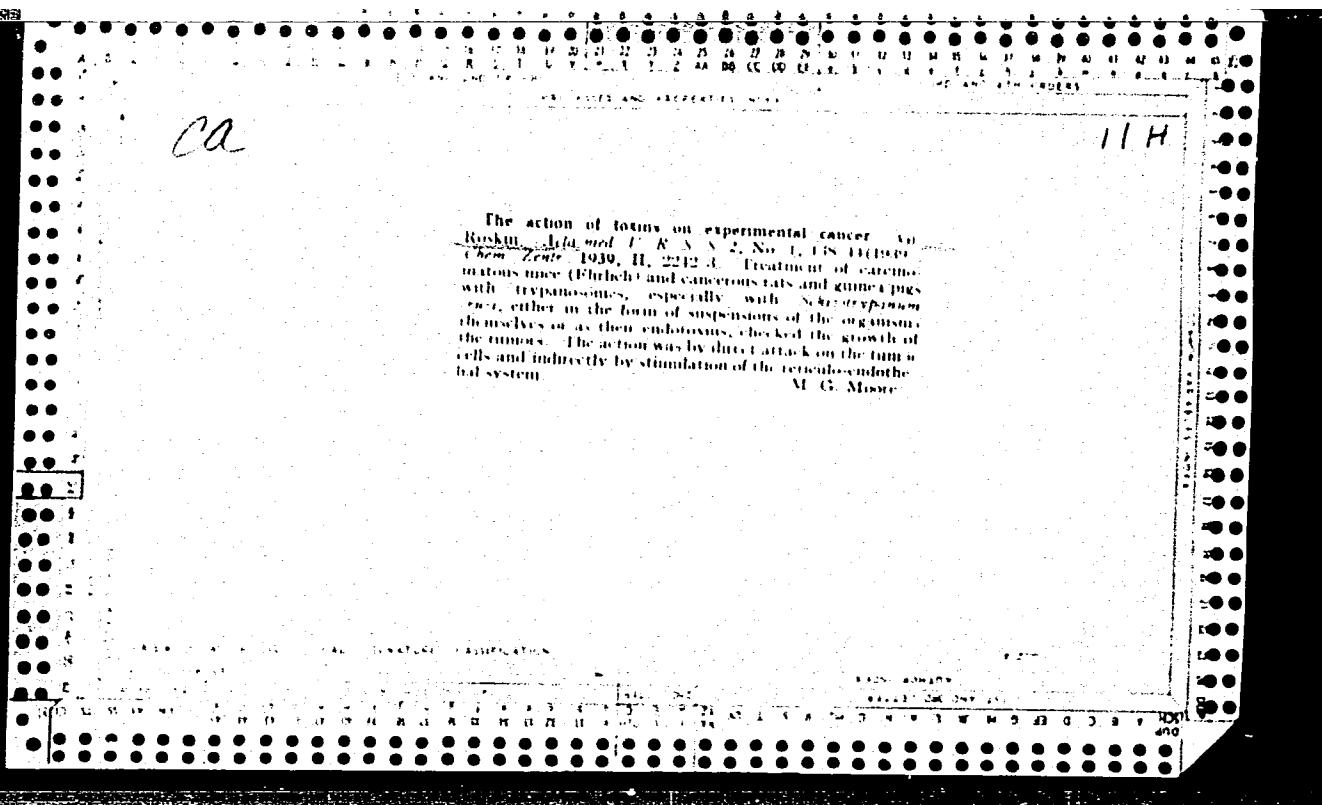
1. VORONIN, ... S.
2. USSR (600)
3. Diffusion
4. Diffusion
5. Diffusion
6. Diffusion
7. Assertion as to the priority of the Russian scientist I. G. Borshchov in the establishment of the relationship between the diffusion rate in colloid solutions and size of their particles. *Koill. zhur.* 15 No. 2, 1953.
8. Diffusion
9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

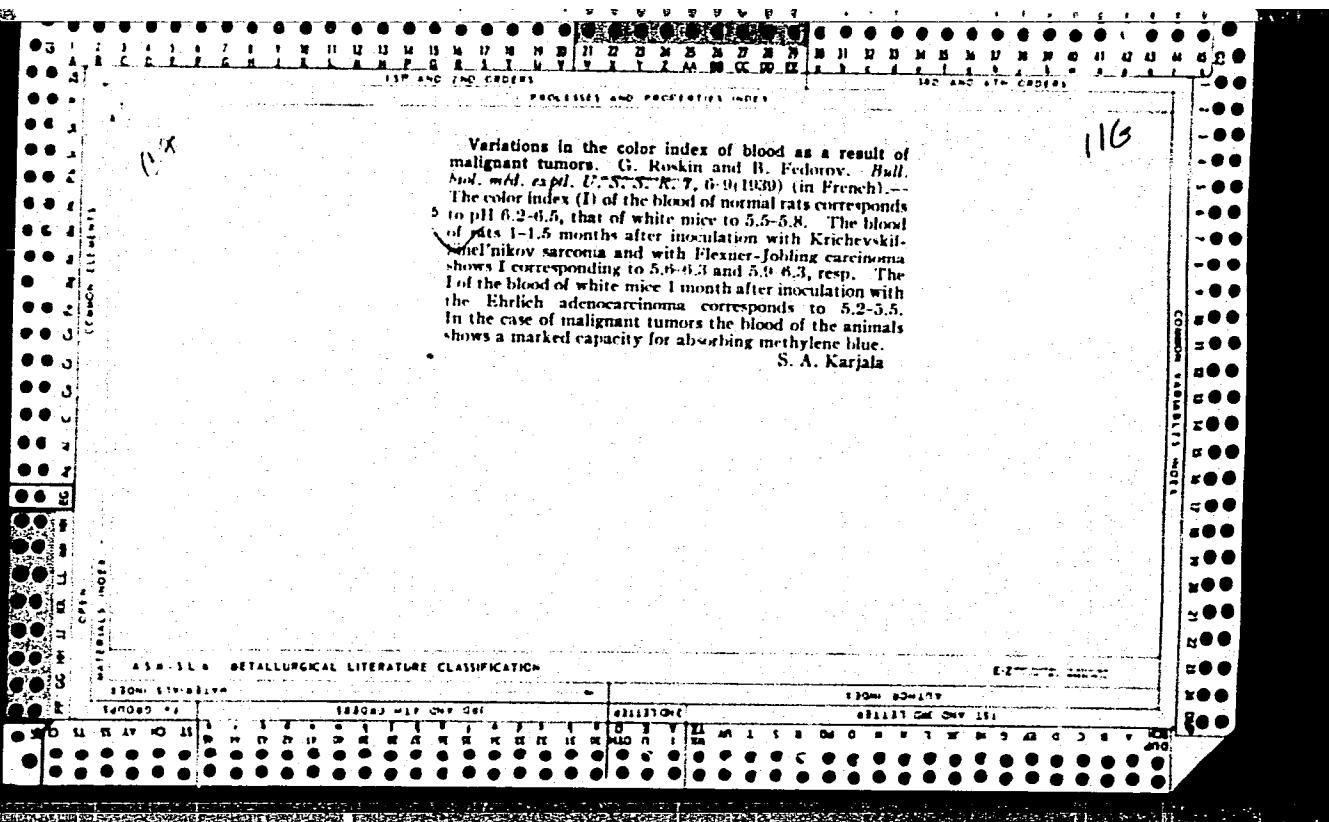






The therapeutic action of protozoan endotoxin on experimentally produced cancer. G. Roskin and K. Romano. *Bull. Acad. Med. expil. U.R.S.S.* 6, 118-22 (1939). *Chem. Zentr.* 1939, II, 3207. Cf. *C.A.* 33, 6649. A portion of an earlier piece of work (cf. *Bull. Acad. Med. expil. U.R.S.S.* 3, 115-8 (1937)) on the influence of *Schizotrypanosoma* and the endotoxin produced by it on fibrocarcinoma in mice was repeated. The specificity of the *Schizotrypanosoma* endotoxin (I) was tested. Injection of other trypanosomes or of the endotoxin prepared by R and R by the earlier method was without effect on the growth of the cancer in mice. *Trypanosoma equiperdonis*, *brazili*, and *gamibiae* were used; in these tests endotoxins from *Plasmodium vivax* and *Leishmania tropica* were likewise without effect. It is assumed, therefore, that the action of I is specific. When the reticuloendothelial system of the cancerous mice was blocked by treatment with ferrum saccharatum or Trypan Blue I had no effect. Most of 30 exptl. animals died. Twenty-two animals in which a tumor was grafted after a splenectomy likewise died after injection of I. From these results and those of earlier expts. it is concluded that the endotoxin acts in one way directly on the cancer cells and in another way stimulate the reticuloendothelial system. An endotoxin obtained from a *Schizotrypanosoma* culture was likewise effective. M. G. Moon

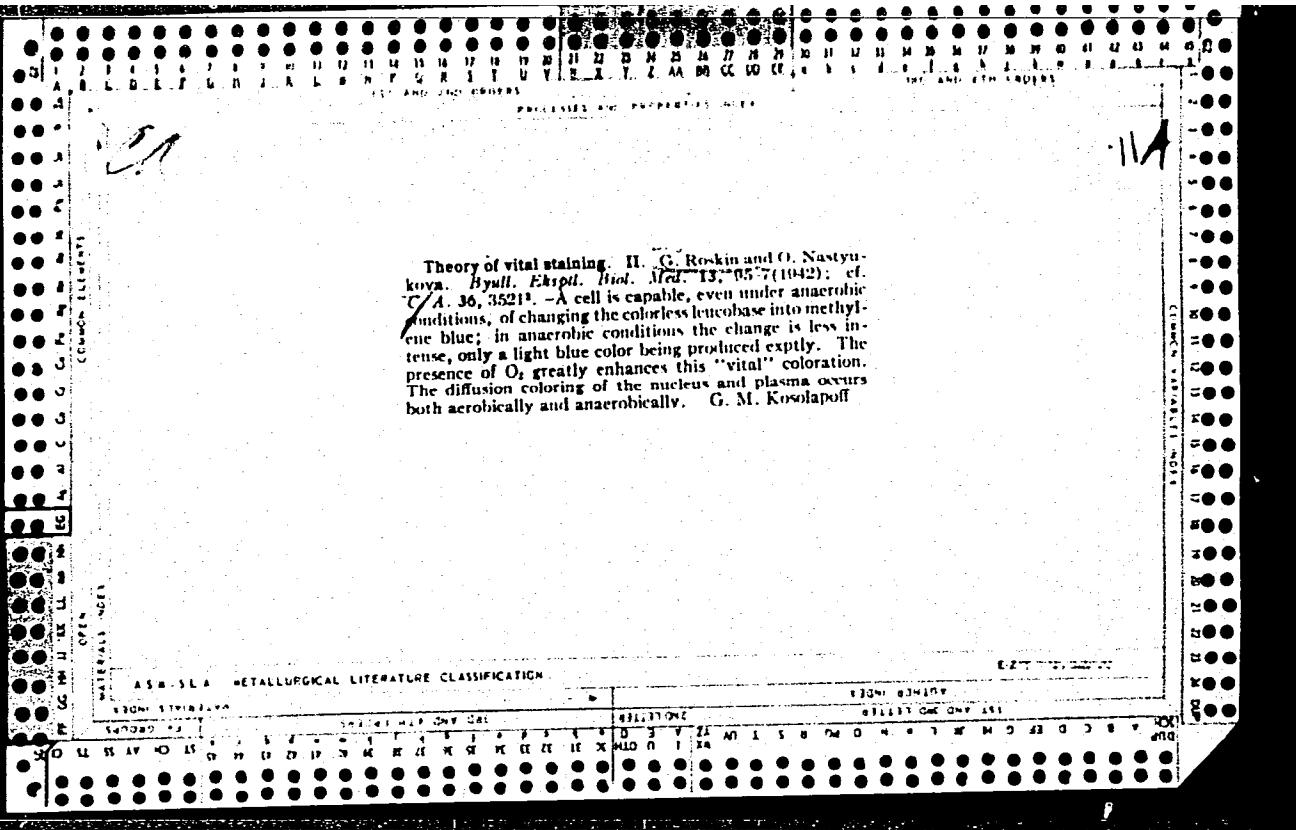


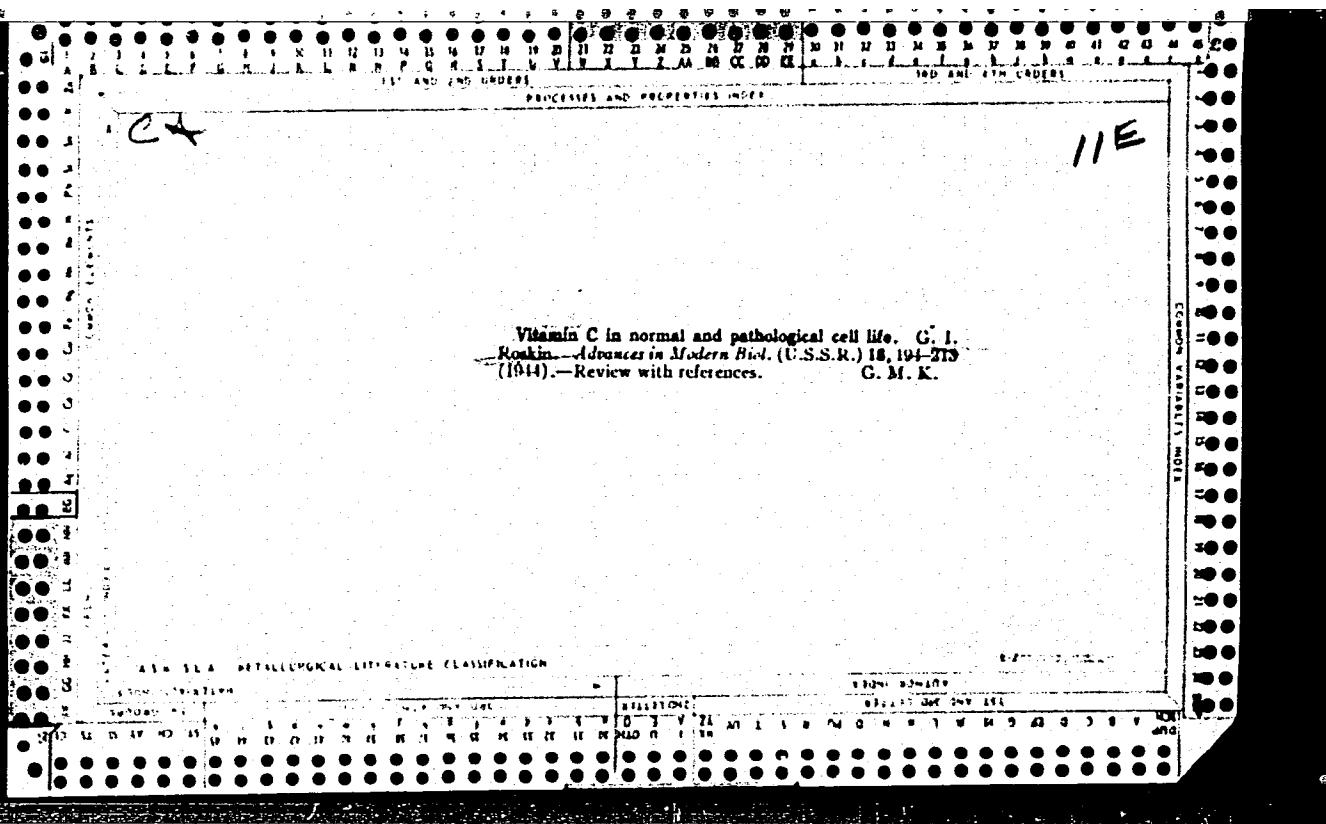


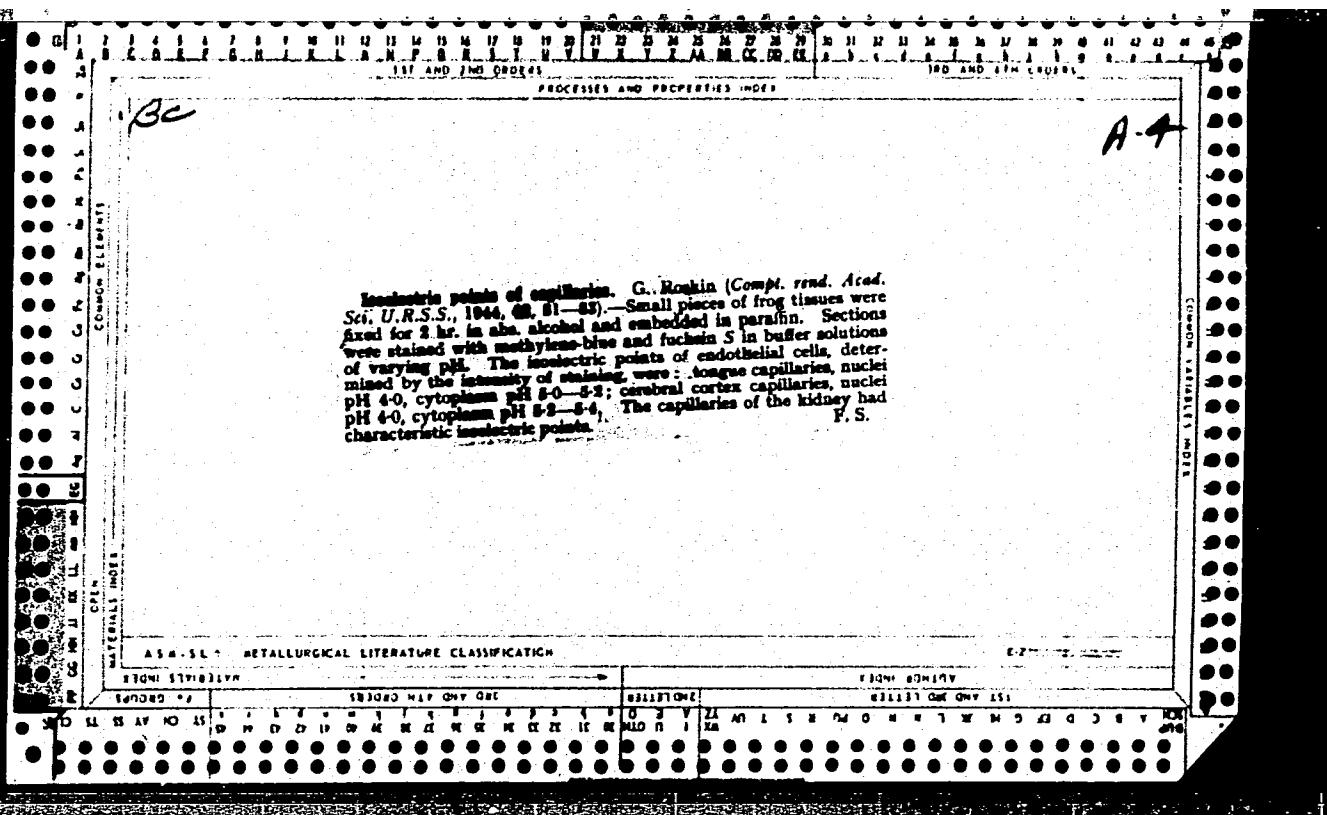
CA

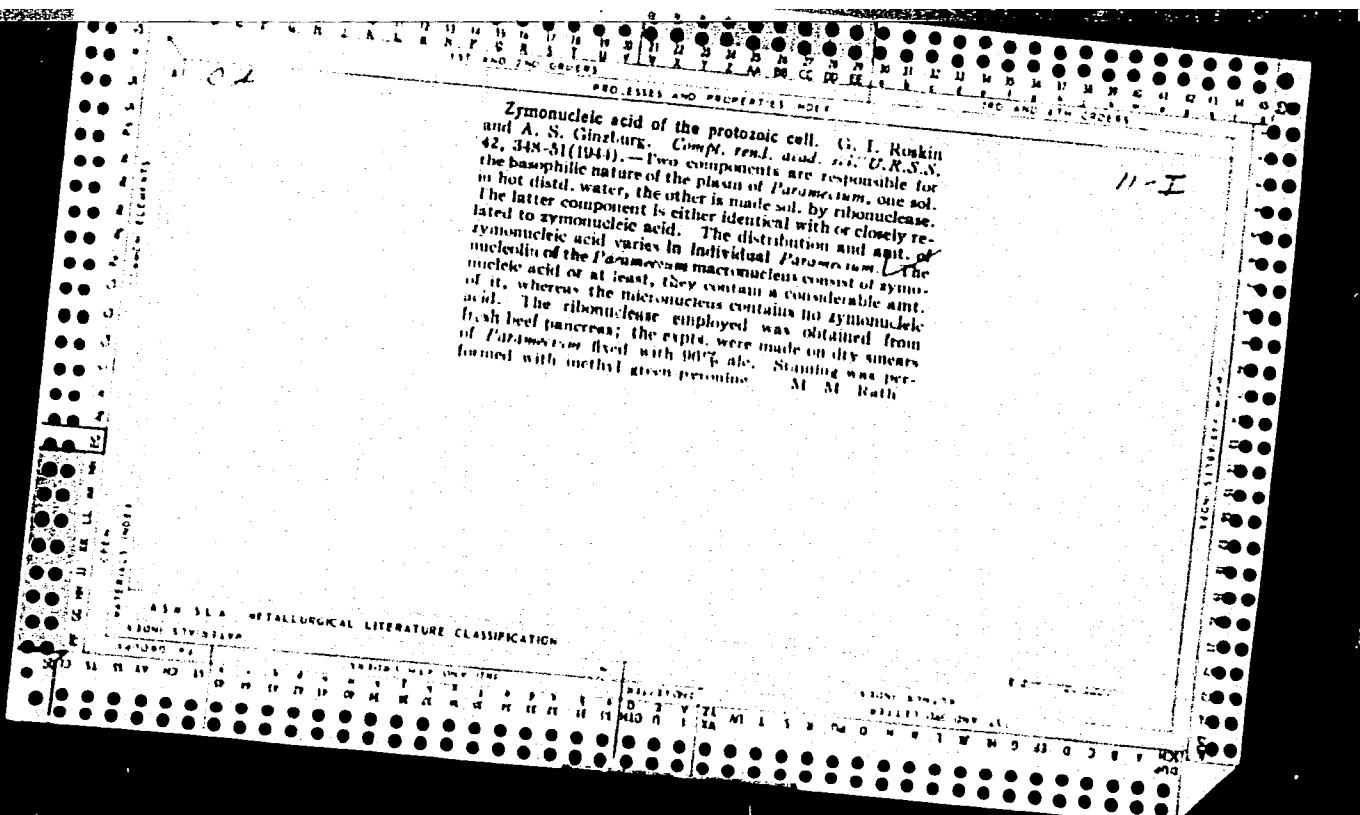
The color index of trypanosomes and its variation in the course of chemotherapy. G. Rupkin and K. Romanova. Bull. biol. med. exp. U.S.S.R. 7, no. 12, 1959 (in French). Trypanosomes colored by the method of Pischinger show a marked change in color index 10 min. after treatment with arsanobenzene, germainin, trypallan and antimony tartarate. This color change occurs some time before morphological changes are observed.

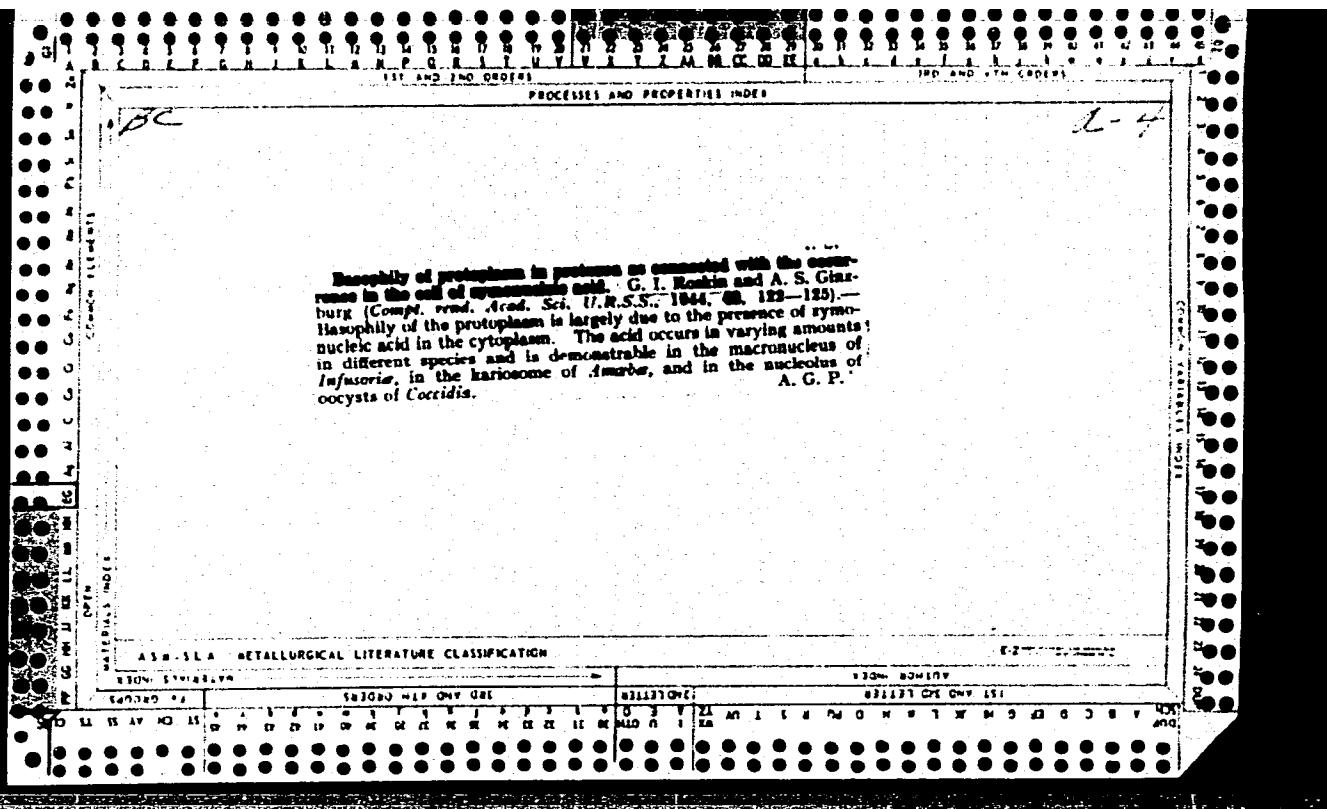
A. Karjala

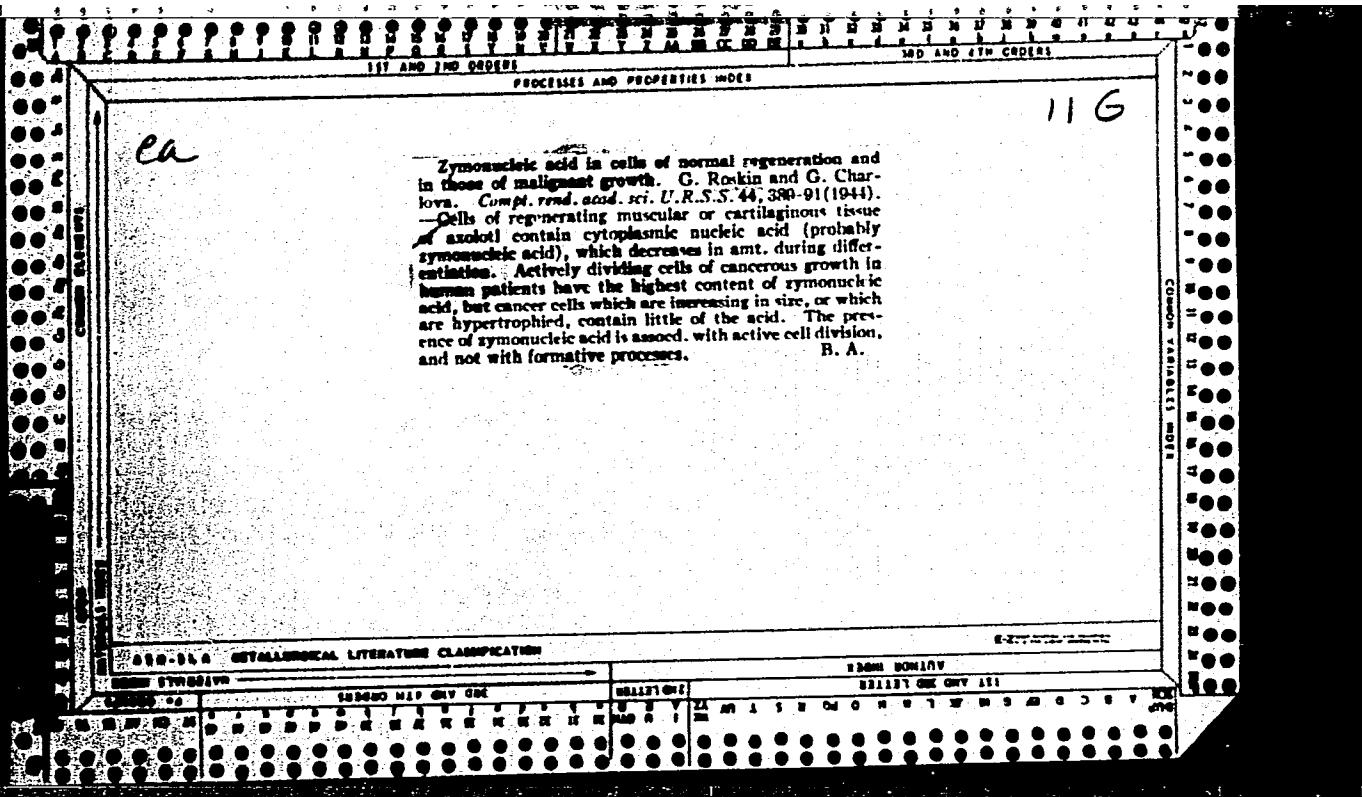


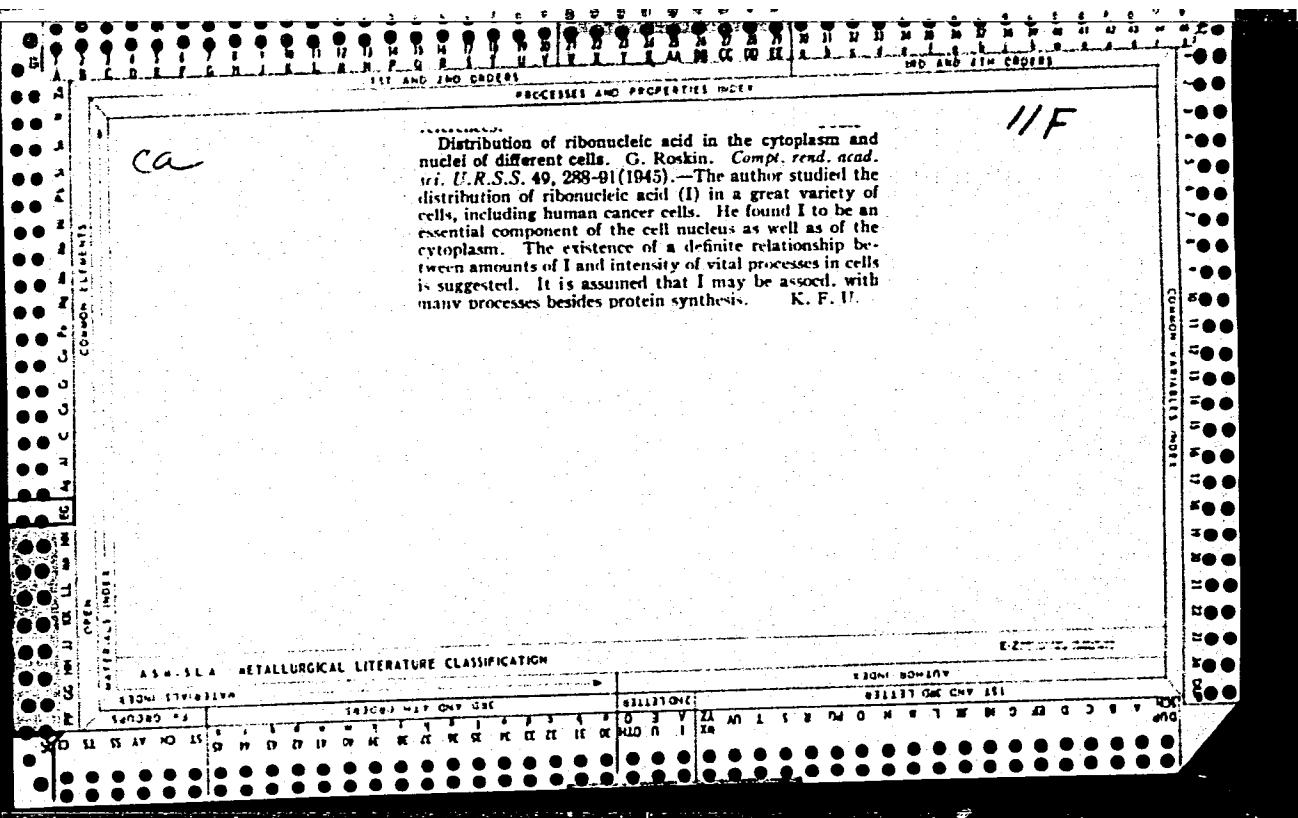












ROSKIN, G.

PA 4T104

USSR/Medical Science  
Cytology

1945

"Microsurgical Investigation of the Smooth Muscle Cell  
and Its Fibrils," G. Roskin and V. Volzhina, 3 pp

"CR Acad Sci" Vol XLIX, No 6

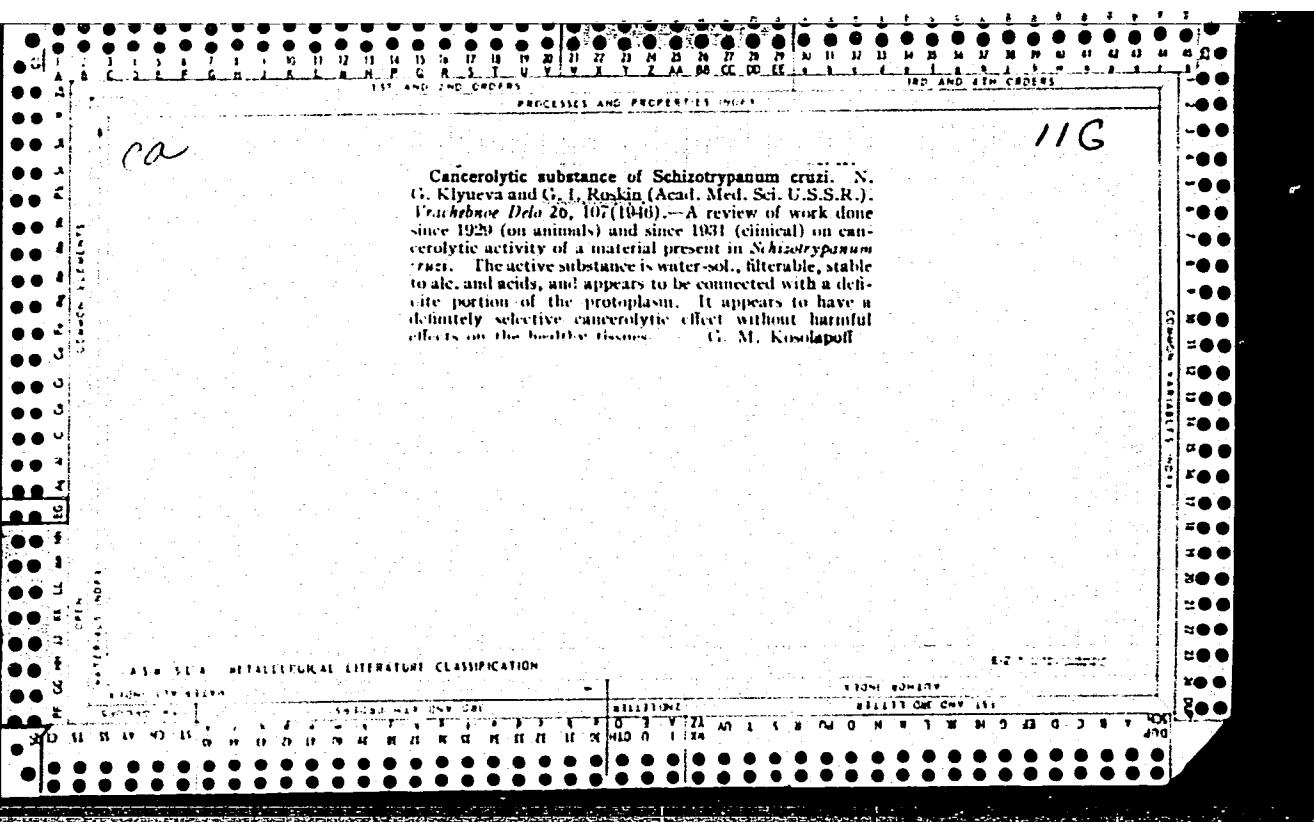
Observations, with the aid of the Peterfi micromanipulator, of the smooth muscle cell, to clarify the exact nature and verify the existence of the cell fibrils as definite individualized formations

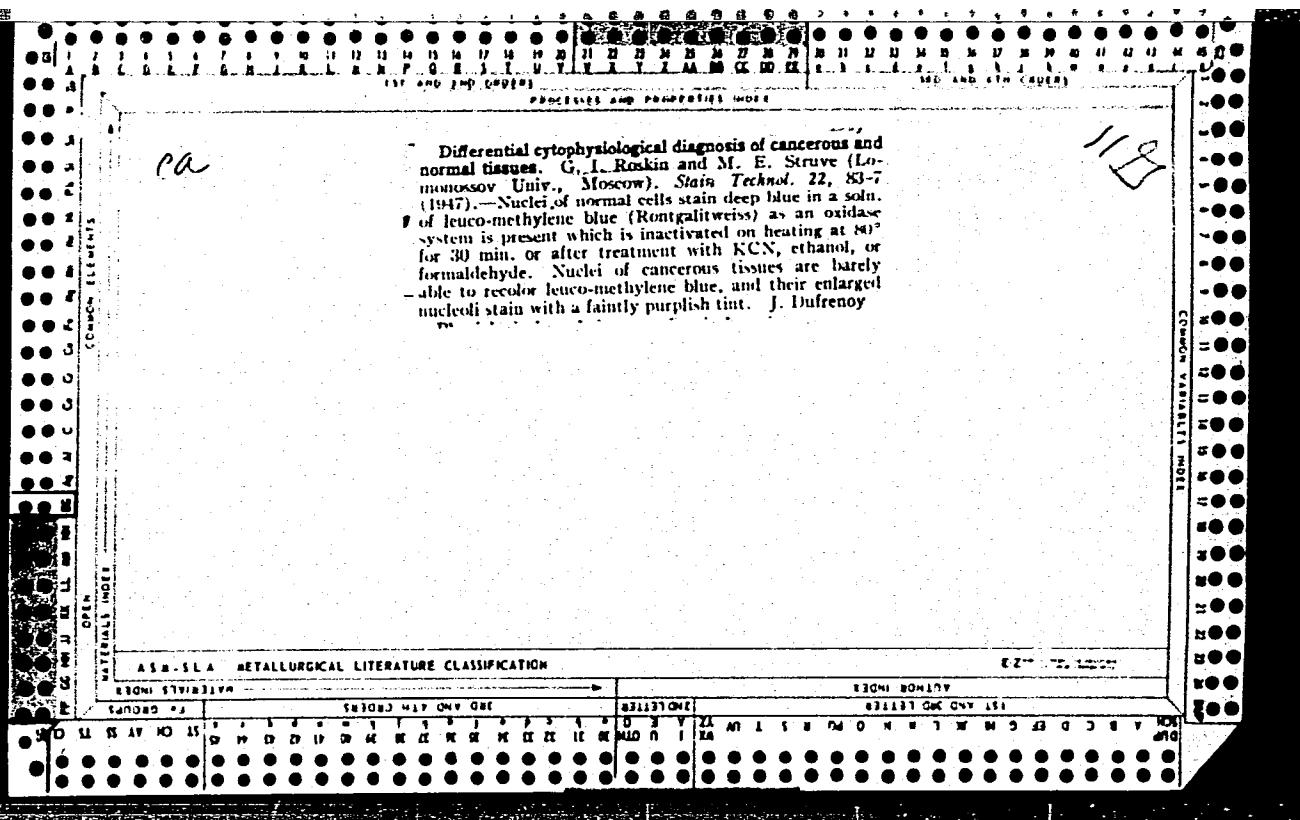
4T104

ROSKIN, G. I. (Prof.); KULAYEV, S. I. (Prof.); LEVINSON, L. B. (Docent)

Microscopic Technique (Mikroskopicheskaya Tekhnika, Izdatel'stvo Sovetskaya Nauka, 1946.

Abstract, W-13777, 29 Sep 50





11F

CA

Histochemical study of arginine in normal tissues. G. I. Roskin and M. B. Struve (M. V. Lomonosov State University, Moscow). *Doklady Akad. Nauk S.S.R.* 58, 1773 (6/1947).

The orange-red color test for arginine (Setta, C.I. 40, 2170\*) was used in glycerol or glycerol-gelatin media containing a wide variety of animal tissue specimens. Arginine was found in varying amounts in all specimens except for the white matter of mouse or frog brain and the glial cells and white matter of the brain cortex of mouse and rat. Especially rich are liver epithelium and heart musculature. G. M. K.

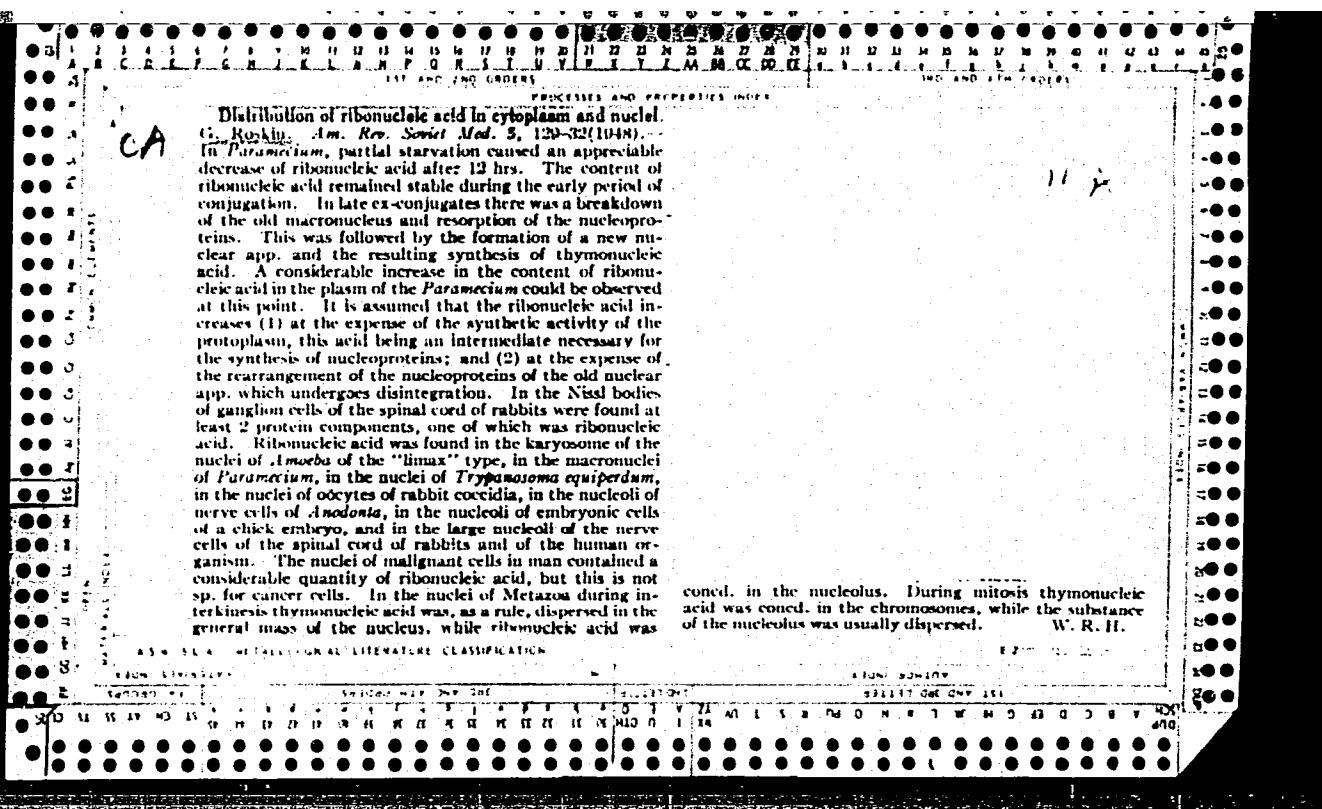
CA

11F

*Cytochemical changes of ribonucleic acid and arginine during cell mitosis.* G. I. Rabin and M. E. Struve, *Dokl. Akad. Nauk SSSR*, 58, 2071-3 (1947).—A decline of basophilic properties during fission in response to changes in ribonucleic acid content vary with specimens. In bee brain a decrease is quite severe, but lesser changes occur in the basic epithelium of frog. Change of stain color with methylene green from green to violet during mitosis does not always take place and is absent in the mitosis of intestinal cells of the axolotl. The arginine test is pos. in mitosis of mouse seminals and the nuclei and plasma show similar concn. of the compd.; chromosomes give a very strong test in all stages of mitosis. The small intestine of the mouse during cell mitotic also gives the arginine test, with nuclei being richer than the plasma; the content in the latter declines with progress of mitosis and the arginine of the nucleus comes in the chromosomes. Finally the Brunn-Pierce cancer cell mitosis specimens show an intense arginine test, approx. equally distributed between plasma and nucleus, and the concn. in the former declines with advance of mitosis; similar is the picture of adenocarcinoma in humans.

G. M. Kosolapoff

Moscow State U.



CA

11

Histologic physiology of succinic dehydrogenase in mammalian tissues. G. I. Roskin and M. R. Struve (Lomonosov State Univ., Moscow). Doklady Akad. Nauk S.S.R. 69, 441-4 (1940). - Empirical coeff. of activity of the enzyme in various tissues of mice and rabbits and human blood are given. The decolorization of methylene blue used as the indicator is nonuniform and varies considerably with different specimens. Generally, optimum pH is 7.8-8.0. G. M. Kosolapoff

ROSKIN, G.I.

Exchange of substances between nucleus and cytoplasm during mitosis.  
C.R. Acad. Sci., U.R.S.S., 1949, 69, 585-587. (MLRA 2:11)  
(BA - A III Mr '53:267)

37154. ALEXANDER, V. I. i DRAGOV, N. S. Krovavits' moy iztochnicologicheskoy  
literatury i slike yader chernobyl', yader klyuch vremeni er knizha i klyuch  
znanii o estestvennykh chernobylej. Sotsialnaya kniga. Nauk SSR. novaya seriya, T. LEX,  
N. 5, 1989, s. 171-180. --Bibliogr: 11 kniz.

38: Letopis' Zhurnal' nynih Statey, Vol. 7, 1989

ROSKIN, G.I.

Submicroscopic structure and histochemistry of  
transverse-striated muscle fibers. Usp. sovrem. biol.  
34:2:268-287 Sept-Oct 1952. (CIML 25:5)

1. Moscow.

ROSKIN, G.I.; KIRPICHNIKOVA, Ye.S.

Acellular forms and organization of living substance; studies on structure and development of the muscular fibers in *Viviparus viviparus* L. Izv. Akad. nauk SSSR. Ser. Biol. no. 6:80-94 Nov-Dec 1952.